16. Stromey's Docket No. 046190. 268023

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:

Viktorovitch et al.

Appl. No.: Filed:

10/635,713 August 5, 2003

For:

OPTOELECTRONIC DEVICE WITH WAVELENGTH

FILTERING BY CAVITY COUPLING

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT CITATION UNDER 37 C.F.R. § 1.97

Sir:

Attached is a list of documents on form PTO-1449. In accordance with the Office waiver published July 11, 2003, copies of the cited U.S. patents and patent application publications are not enclosed. Applicant does enclose copies of any cited foreign patent documents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,

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## CERTIFICATE OF MAILING

Thereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 8, 2003

Barbara Yates

Complete if Kn wn Substitute for form 1449/PTO Application Number 10/635,713 (Revised 04/2003) Filing Date August 5, 2003 First Named Inventor Viktorovitch et al. INFORMATION DISCLOSURE Group Art Unit STATEMENT BY APPLICANT (Use as many sheets as necessary) Examiner Name Sheet Attorney Docket Number | 046190.268023 **U. S. PATENT DOCUMENTS** Document Number Pages, Columns, Lines, Where Cite Examiner **Publication Date** Name of Patentee or Relevant Passages of Relevant Figures Applicant of Cited Document Initials\* No. Number - Kind Code (if known) MM-DD-YYYY Арреаг 04-07-1992 5,103,340 Dono et al. 5,225,930 07-06-1993 Land et al. FOREIGN PATENT DOCUMENTS Foreign Patent Document Pages, Columns, Lines, English Where Relevant Examiner Cite **Publication Date** Name of Patentee or Language Passages or Relevant Initials Country Code - Number Kind Code MM-DD-YYYY Applicant of Cited Translation No. Figures Appear (if known) Document Attached 3 WO 98/17968 04-30-1998 Micron Optics, Inc. 4 EP 0903615 A2 03-24-1999 Nippon Telegraph and Telephone Corp. **OTHER DOCUMENTS** English Language Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of Translation Attached the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Cite Examiner number(s), publisher, city and/or country where published. Initials No 5 LAMPERSKI, JAN, "Discretely Tunable Multi Cavity FFP Filter for Standard WDM Frequency Grid," 2000 Electronic Components and Technology Conference, Las Vegas, Nevada, May 21-24, 2000, pgs. 1572-1575, XP-002178773, Piscataway, NJ, USA 6 SALEH, A.A.M. and STONE, J., "Two-Stage Fabry-Perot Filters as Demultiplexers in Optical FDMA LAN's," Journal of Lightwave Technology, February 1989, pgs. 323-330, Vol. 7, No. 2, XP 000006106, New York, USA. 7 SPISSER, A., et al., "Highly Selective and Widely Tunable 1.55-MUM InP/Air-Gap Micromachined Fabry-Perot Filter for Optical Communications," IEEE Photonics Technology Letters, September 1998, pgs. 1259-1261, Vol. 10, No. 9, XP-000783228, New York, USA. 8 JAIN, ANIL, et al., "Dual Tunable Fabry-Perot Spectrally Agile Filter," Optical Engineering, March/April 1984, pgs. 159-166, Vol. 23, No. 2, XP-000997092, Minneapolis, MN. 9 GUNNING, WILLIAM, "Double-cavity electrooptic Fabry-Perot tunable filter," Applied Optics, September 1, 1982, pgs. 3129-3131, Vol. 21, No. 17, XP-000997094, Thousand Oaks, CA. 10 WU, M.S. etc., "Widely tunable 1.5 μm micromechanical optical filter using A10x/A1GaAs DBR," Electronics Letters, September 25, 1997, pgs. 1702-1704, Vol. 33, No. 20, U.S.A. 11 Tayebati, P., etc., "Microelectromechanical tuneable filters with 0.47 nm linewidth and 70 nm

Examiner

Signature

tuning range," Electronics Letters, January 8, 1998, pgs. 76-77, Vol. 34, No. 1, U.S.A

Date

Considered

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Complete if Known Substitute for form 1449/PTO Application Number 10/635,713 rsed 04/2003) August 5, 2003 Filing Date First Named Inventor Viktorovitch et al. INFORMATION DISCLOSURE Group Art Unit STATEMENT BY APPLICANT **Examiner Name** (Use as many sheets as necessary) Attorney Docket Number | 046190.268023 Sheet 2 of OTHER DOCUMENTS English Language Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of Translation Attached the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Cite Examiner number(s), publisher, city and/or country where published. Initials No. Tayebati, P., etc., "Widely tunable Fabry-Perot Filter Using Ga(A1)As-A10x Deformable Mirrors," 12 IEEE Photonics Technology Letters, March 1998, pgs. 394-396, Vol. 10, No. 3, U.S.A 13 Tayebati, P., etc., "Microelectromechanical tunable filter with stable half symmetric cavity," Electronics Letters, October 1, 1998, pgs. 1967-1968, Vol. 34, No. 20, U.S.A

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dated January 24, 2003.

Examiner Signature Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Rondi, D., etc., "Highly selective 1.55 μm InP/air gap micromachined Fabry-Perot filter for optical communications," Electronics Letters, March 5, 1998, pgs. 453-455, Vol. 34, No. 5, U.S.A.

International Search Report from corresponding International Application No. PCT/FR02/00402,